POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(c).											
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As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Tredemark Office (USPTO) in corrector with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignments documents attached to this form in accordance with 37 CFB 3 73(c).											
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Assigner Name and Address: Hughes Network Systems, LLC 11717 Exploration Lane Germantown, MO 20876											
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A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/96 or equivalent) is required to be Filled in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of											
The practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.											
SIGNATURE of Assignee of Record											
The individual whose signature and title is supplied below is authorized to act on behalf of the assignee											
Signature 7747-17							0se /2/2/2-				
Name		Tim Jezek					Telephone 301-601-7252				
Title Senior Counsel, Intellectual Property											
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STATEMENT UNDER 37 CFR 3.73(c)							
Applicant/Pasent Owner: Hughes Network Systems, LLC							
Application No./Patent No.: 6,947,445 Filed/issue Date: 9/20/2006	**						
1886 - SALINGARE DAGARANDA SALIKAN SAL							
a corporation							
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government againsy, etc.)							
states that, for the patent application/patent identified above, it is (choose one of options 1, 2, 3 or 4 below):							
1. I The assignee of the entire right, title, and interest.							
2. An assignee of less than the entire right, title, and interest (check applicable box):							
The extent (by percentage) of its ownership interest is							
There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:							
Additional Statement(s) by the owner(s) holding the balance of the interest <u>must be submitted</u> to account for the entire right, title, and interest.							
3. The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made	e).						
The other parties, including inventors, who together own the entire right, title, and interest are:							
Additional Statement(s) by the owner(s) holding the balance of the interest <u>must be submitted</u> to account for the entright, sitie, and interest.	tire						
4. The recipient, via a court proceeding or the like (e.g., bankrupicy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The contilled document(s) showing the transfer is attached.							
The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose one of options A or 8 below):							
A. [_] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.	:						
8. 🗵 A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows	S .)						
1. From: All Inventors To: Hughes Electronics Corp.	*						
The document was recorded in the United States Patent and Trademark Office at	.6666						
Reel 11664 Frame 161 or for which a copy thereof is attached.							
2, From: Hughes Electronics Corp. To: The DirecTV Group, Inc.							
The document was recorded in the United States Patent and Trademark Office at Reel 16427 Frame 731 or for which a copy thereof is attached.							

[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to concess) an audication. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including patheting, preparing, and submitting the completed association form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you reside to complete this tam ambier suggestions for reducing this taster, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commence, P.D. Box 1450, Alexandria, VA 22818-1450 DO NOT SENIO PEES OR COMPLETED FORMS TO THIS ADDRESS. SENIO TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/AIA/96 (98-12)
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		STATEME	NT UNDER 37 CFR 3.73	(2)				
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Z As :	required by 37 CFA 3 ignee was, or concur	.79(c)(1)(i), the docum rently is being, submit:	Hotary evidence of the chain o ad for recordation pursuant to:	f title from the original owner to the 37 CFR 3.11.				
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]								
The unders	igned (whose title is a	upplied below) is suth	orized to act on behalf of the a					
Signature				12/13/2				
Craig F	Hactrik			Care				
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